
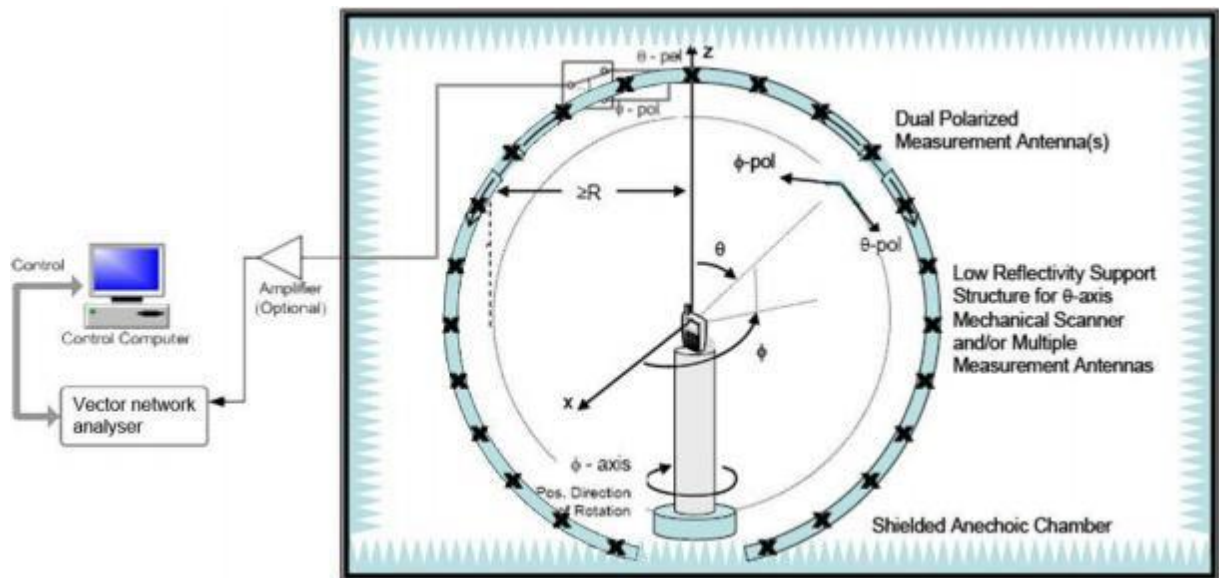


Antenna Specification

ITEM	ANT SPEC	
Model Name	2.4G ANT	
Center Frequency	2402MHz	
Operating Frequency	2400MHz-2404MHz	
OCW	N/A	
Operating Temperature Range	80°C	
Number of channels	1	
Antenna Assembly	Type	PCB antenna
	Gain	-4.5dBi
Output power	≤3dBm	
Modulation Type	GFSK	
Adaptivity	N/A	
Polarization	Linear Polarization	
Azimuth Beam Pattern	Directional	
Impedance	50 Ohm	
Manufacture	NATIONAL STATE INDUSTRIES LTD. Wulian Industrial Zone, Fenggang Town, Dongguan City, Guangdong, China.	
Trademark		

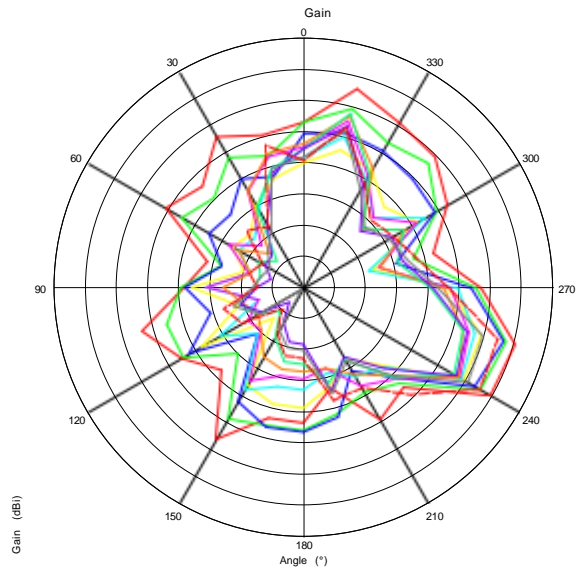
Test Setup Photos



1. 2D Radiation Pattern

Phi=0°

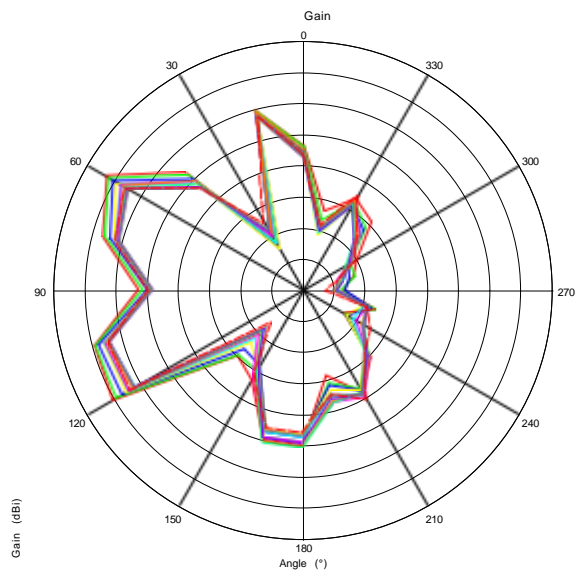
Max: -9.5
Min: -13.5
Scale: 0.5/div



2400 MHz
2410 MHz
2420 MHz
2430 MHz
2440 MHz
2450 MHz
2460 MHz
2470 MHz
2480 MHz
2490 MHz
2500 MHz

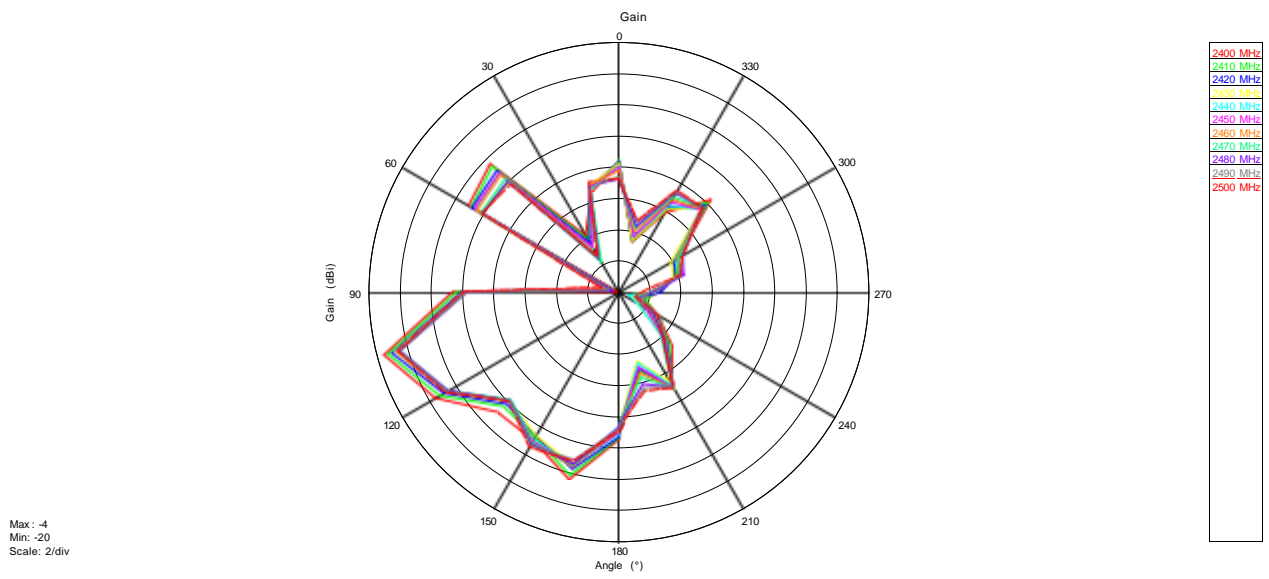
Phi=90°

Max: -4
Min: -20
Scale: 2/div



2400 MHz
2410 MHz
2420 MHz
2430 MHz
2440 MHz
2450 MHz
2460 MHz
2470 MHz
2480 MHz
2490 MHz
2500 MHz

Theta=90°



Antenna size

